

NOV 16 2004

BEYER WEAVER & THOMAS, LLP

INTELLECTUAL PROPERTY LAW

2030 Addison Street, Seventh Floor, Berkeley, CA 94704
Telephone: (510) 843-6200 Facsimile: (510) 843-6203
www.beyerlaw.com

FACSIMILE COVER SHEET

November 16, 2004

Receiver: Examiner Shawn (USPTO Central Fax)

FAX #: 703-872-9306

Sender: Godfrey K. Kwan
Our Ref. No.: CISC158

Application No: 09/766,020

Re: Response to Non Compliant Amendment

Pages Including Cover Sheet(s): 10

MESSAGE:

CONFIDENTIALITY NOTE

The information contained in this facsimile (FAX) message is legally privileged and confidential information intended only for the use of the receiver or firm named above. If the reader of this message is not the intended receiver, you are hereby notified that any dissemination, distribution or copying of this FAX is strictly prohibited. If you have received this FAX in error, please immediately notify the sender at the telephone number provided above and return the original message to the sender at the address above via the United States Postal Service. Thank you.

NOV 16 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zhang et al.

Attorney Docket No.: CISC158/3179

Application No.: 09/766,020

Examiner: Shawn S. An

Filed: January 18, 2001

Group: 2613

Title: METHODS FOR EFFICIENT
BANDWIDTH SCALING OF
COMPRESSED VIDEO DATA

CERTIFICATE OF FACSIMILE TRANSMISSION:
I hereby certify that this correspondence is being transmitted by
facsimile to the United States Patent and Trademark Office,
Commissioner for Patents, Attn: Examiner Shawn, Fax No. 703-
872-9306, Alexandria, VA 22313-1450 on: November 16, 2004.

Signed: 

Joyce L. Ferreira

AMENDMENT TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

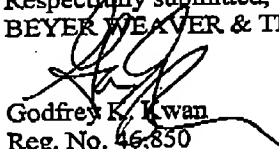
Sir:

Transmitted herewith is an Amendment in the above-identified application.
The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	30	MINUS	30	00	x 9 =	x 18 =
Independent Claims	05	MINUS	05	00	x 43 =	x 86 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$145.00	\$290.00
Total					\$	\$

- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. CISC158).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP


Godfrey K. Kwan
Reg. No. 46,850

P.O. Box 778
Berkeley, CA 94704-0778

NOV 16 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zhang et al.

Attorney Docket No.: CISC158/3179

Application No.: 09/766,020

Examiner: Shawn S. An

Filed: January 18, 2001

Group: 2613

Title: METHODS FOR EFFICIENT
BANDWIDTH SCALING OF
COMPRESSED VIDEO DATA**CERTIFICATE OF FACSIMILE TRANSMISSION:**

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office, Commissioner for Patents, Attn: Examiner Shawn, Fax No. 703-872-3386, Alexandria, VA 22313-1450 on: November 16, 2004.

Signed: 

Joyce L. Ferrara

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This amendment is submitted in response to the Communication mailed October 22, 2004 in which the response required by 37 CFR 1.121 was deemed incomplete because claims 16-25 were missing. Claims 16-25 were withdrawn from prosecution in response to the Restriction Requirement dated February 12, 2004. The claims are now included in the response and it is believed that this revised response addresses this issue. As such, it should be treated as a complete response to the outstanding office action as required by 37 CFR 1.114 and 37 CFR 1.111.

Amendments to the Claims are reflected in the listing of claims which being on page 3 of this paper.

Remarks begin on page 7 of this paper.

Atty Dkt: CISC158/3179

1

RESPONSE TO RESTRICTION REQUIREMENT AND ELECTION

In Applicants' response to restriction requirement dated April 12, 2004, Applicants elected a single species relating to bit rate conversion using requantization. The single species is claimed in claim numbers 1-15 and 26-30. The claims cover various embodiments, including embodiments described with reference to Figure 4D, 5B, and 5C.

The Examiner argues that Figures 1, 2A, 2B, 4D, 5B, 5C, and 6 are seven distinct species that can not be covered in a single set of claims. The Applicants respectfully disagree. For example, Figure 6 is not a distinct species and is merely showing one example of a router that can be used with the techniques of the present invention. Some examples described with reference to Figures 1, 2A, 2B, 4D, 5B, 5C, and 6 are merely embodiments that can be covered by a single generic claim. Consequently, Applicants respectfully submit that a single claim Group 1-15 and 26-30 has been selected. The single group selected does not pose an undue burden on the Examiner, as all the claims relate to bit rate conversion using a first requantization scheme and a second requantization scheme. Embodiments of the generic claim are described in the cited figures as well as in other figures. Applicants respectfully reserve the right to later prosecute claims 16-25.